



CITY OF DURHAM | NORTH CAROLINA

Date: September 5, 2017

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Marvin G. Williams, Director of Public Works
Subject: Contract ST-266, 2018 Brick Paver Repair

Executive Summary

On August 16, 2017, the Public Works Department opened bids for Contract ST-266, 2018 Brick Paver Repairs. This contract involves the removal and replacement of brick pavers and concrete within the Downtown area (Attachment A – Location List and Vicinity Map). The lowest responsive bid was submitted by Browe Construction Company.

Recommendation

The Administration recommends that City Council authorize the City Manager to execute a contract for ST-266, 2018 Brick Paver Repair with Browe Construction Company in the amount of \$327,150.00; establish a contingency fund in the amount of \$32,715.00 (10%); and negotiate change orders to the contract provided that the total contract cost does not exceed \$359,865.00.

Background

This project involves the removal and replacement of sections of brick pavers within the Downtown Durham Loop (Attachment A). Funding for contract ST-266 was established in the FY14 CIP budget (\$250,000.00). The purpose of this project is to repair some of the streetscape sidewalk that has been damaged since construction of the Downtown Streetscape project was completed in 2007. The project will only replace pavers that are loose, creating tripping hazards, or forming depressions that cause poor stormwater drainage within the walkable area of the streetscape sidewalk. These pavers will be removed and reset on a concrete base to stabilize them and avoid future hazards due to settling.

In 2017, \$50,000 of the original CIP allocation was also used to address the repair of damaged truncated dome detectable warning surface on crosswalks in the Downtown area under contract SW-60. Only one bid was received for this contract.

Issues/Analysis

The initial advertisement under the SLBE Program resulted in no bids. The project was re-advertised on the City's purchasing website for 30 days. The following is a summary of bids received:

Browe Construction Company

\$ 327,150.00

This is an informal project, which does not require a minimum number of bids to award. The Public Works Department recommends awarding Contract ST-266 to Browe Construction Company in the amount of \$327,150.00.

The bid exceeded the engineer’s estimate by 30%. There were two primary contributors to the higher bid. The Engineer’s estimate undervalued the extent of pedestrian and work zone traffic control. Secondly, there was no direct comparison available for this type of brick paver repair work, so the cost of new paver installation was used and proved to be too low. Public Works is comfortable with the bid price after reevaluation that considered high vehicular and pedestrian traffic within Downtown Durham and the extra work associated with replacing brick pavers over installing new brick.

Alternatives

City Council can choose to not approve this project; the brick pavers will not be repaired and will continue to be problematic for pedestrians as they walk in the Downtown area.

Financial Impact

Funds for this project are budgeted for in the following brick pavers and sidewalk repairs CIP accounts.

CIP Brick Paver Repair Funds- Const.:	3610L010 – 731000 – LF702	\$202,500.00
CIP Sidewalk Repair Funds- Const.:	3610L010 – 731000 – LF122	\$124,650.00
CIP Sidewalk Repair Funds – Contingency:	3610L010 – 731900 – LF122	\$32,715.00
	TOTAL=	\$359,865.00

UBE SUMMARY

The Equal Opportunity/Equity Assurance Department reviewed the bid submitted by Browe Construction Company of Selma, NC to determine if they are in compliance with Ordinance to Promote Equal Business Opportunities in City Contracting. The goals for this project are MUBE 11% and WUBE 7%. Although, Browe Construction Company did not meet the MUBE goal, it was determined Browe Construction Company demonstrated Good Faith Effort and is in compliance with the Ordinance to promote Equal Business Opportunities in City Contracting.

UBE REQUIREMENTS

Browe Construction Company is a certified WUBE firm.

Browe Construction Company will subcontract to the following certified firm:

Firm	ID	City/State	Amount	% of Contract
Fred Adams Paving	WUBE	Morrisville, NC	\$74,035.00	22.6%

WORKFORCE STATISTICS

Total Workforce:

Employment Category	Total Employees	Total Males	Total Females
Project Manager	5	4	1
Professional	0	0	0
Technical	0	0	0
Clerical	0	0	0
Labor	49	48	1
Total	54	52	2

Male:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manager	3	0	1	0	0
Professional	0	0	0	0	0
Technical	0	0	0	0	0
Clerical	0	0	0	0	0
Labor	6	19	23	0	0
Total	9	19	24	0	0

Female:

Employment Category	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manager	1	0	0	0	0
Professional	0	0	0	0	0
Technical	0	0	0	0	0
Clerical	0	0	0	0	0
Labor	1	0	0	0	0
Total	2	0	0	0	0